

# INTERNATIONAL SEARCH REPORT

International Application No  
PCT/EP2004/004375

**A. CLASSIFICATION OF SUBJECT MATTER**  
 IPC 7 C07D451/02 A61K31/46

According to International Patent Classification (IPC) or to both national classification and IPC

**B. FIELDS SEARCHED**

Minimum documentation searched (classification system followed by classification symbols)  
 IPC 7 C07D

Documentation searched other than minimum documentation to the extent that such documents are included in the fields searched

Electronic data base consulted during the international search (name of data base and, where practical, search terms used)

EPO-Internal, PAJ, WPI Data, CHEM ABS Data

**C. DOCUMENTS CONSIDERED TO BE RELEVANT**

Category *	Citation of document, with indication, where appropriate, of the relevant passages	Relevant to claim No.
A	US 6 051 712 A (MAERKI HANS-PETER ET AL) 18 April 2000 (2000-04-18) column 1, line 7 – column 3, line 21 column 51, lines 9-27	1-10
A	US 3 509 161 A (DOLD OTTO ET AL) 28 April 1970 (1970-04-28) column 2, line 49 – column 3, line 7	1-10
A	US 2002/188003 A1 (CARROLL FRANK IVY ET AL) 12 December 2002 (2002-12-12) claim 1	1-10
A	US 2003/013883 A1 (BALDWIN RONALD MARTIN ET AL) 16 January 2003 (2003-01-16) abstract claim 1	1-10

Further documents are listed in the continuation of box C.

Patent family members are listed in annex.

\* Special categories of cited documents :

- "A" document defining the general state of the art which is not considered to be of particular relevance
- "E" earlier document but published on or after the International filing date
- "L" document which may throw doubts on priority claim(s) or which is cited to establish the publication date of another citation or other special reason (as specified)
- "O" document referring to an oral disclosure, use, exhibition or other means
- "P" document published prior to the international filing date but later than the priority date claimed

- "T" later document published after the international filing date or priority date and not in conflict with the application but cited to understand the principle or theory underlying the invention
- "X" document of particular relevance; the claimed invention cannot be considered novel or cannot be considered to involve an inventive step when the document is taken alone
- "Y" document of particular relevance; the claimed invention cannot be considered to involve an inventive step when the document is combined with one or more other such documents, such combination being obvious to a person skilled in the art.
- "&" document member of the same patent family

Date of the actual completion of the International search

6 August 2004

Date of mailing of the International search report

01/09/2004

Name and mailing address of the ISA

European Patent Office, P.B. 5818 Patentlaan 2  
NL - 2280 HV Rijswijk  
Tel. (+31-70) 340-2040, Tx. 31 651 epo nl,  
Fax: (+31-70) 340-3016

Authorized officer

Samsam Bakhtiary, M

## INTERNATIONAL SEARCH REPORT

International application No.  
PCT/EP2004/004375

### Box II Observations where certain claims were found unsearchable (Continuation of item 2 of first sheet)

This International Search Report has not been established in respect of certain claims under Article 17(2)(a) for the following reasons:

1.  Claims Nos.:  
because they relate to subject matter not required to be searched by this Authority, namely:  
**Although claim 8 is directed to a method of treatment of the human/animal body, the search has been carried out and based on the alleged effects of the compound/composition.**
2.  Claims Nos.:  
because they relate to parts of the International Application that do not comply with the prescribed requirements to such an extent that no meaningful International Search can be carried out, specifically:
3.  Claims Nos.:  
because they are dependent claims and are not drafted in accordance with the second and third sentences of Rule 6.4(a).

### Box III Observations where unity of invention is lacking (Continuation of item 3 of first sheet)

This International Searching Authority found multiple Inventions in this international application, as follows:

1.  As all required additional search fees were timely paid by the applicant, this International Search Report covers all searchable claims.
2.  As all searchable claims could be searched without effort justifying an additional fee, this Authority did not invite payment of any additional fee.
3.  As only some of the required additional search fees were timely paid by the applicant, this International Search Report covers only those claims for which fees were paid, specifically claims Nos.:
4.  No required additional search fees were timely paid by the applicant. Consequently, this International Search Report is restricted to the invention first mentioned in the claims; it is covered by claims Nos.:

#### Remark on Protest

- The additional search fees were accompanied by the applicant's protest.
- No protest accompanied the payment of additional search fees.

**INTERNATIONAL SEARCH REPORT**

International Application No PCT/EP2004/004375	
---	--

Patent document cited in search report	Publication date		Patent family member(s)		Publication date
US 6051712	A	18-04-2000	US 6150526 A AT 242213 T AU 708616 B2 AU 6743296 A BR 9610385 A CA 2230931 A1 CN 1202152 A CZ 9800684 A3 DE 59610509 D1 DK 863875 T3 WO 9709311 A1 EP 0863875 A1 ES 2201192 T3 HU 9900926 A2 IL 123293 A JP 11500447 T MA 23967 A1 NO 980954 A NZ 315677 A PL 325425 A1 PT 863875 T RU 2167865 C2 TR 9800409 T1 TW 474932 B ZA 9607424 A		21-11-2000 15-06-2003 05-08-1999 27-03-1997 06-07-1999 13-03-1997 16-12-1998 14-10-1998 10-07-2003 01-12-2003 13-03-1997 16-09-1998 16-03-2004 28-09-1999 24-06-2003 12-01-1999 01-04-1997 28-04-1998 28-02-2000 20-07-1998 31-10-2003 27-05-2001 21-05-1998 01-02-2002 07-03-1997
US 3509161	A	28-04-1970	NONE		
US 2002188003	A1	12-12-2002	US 5736123 A US 5496953 A US 5128118 A US 5413779 A AU 650059 B2 AU 8519591 A CA 2089070 A1 DE 69123151 D1 EP 0542903 A1 GR 3022529 T3 JP 3350049 B2 JP 6503556 T US 6329520 B1 US 6531483 B1 US 2003023090 A1 US 2003203934 A1 US 5935953 A US 6123917 A AT 182794 T AU 668371 B2 AU 3064592 A CA 2123570 A1 DE 69229744 D1 DE 69229744 T2 DK 644775 T3 EP 0644775 A1 EP 0897922 A2 EP 0905135 A2 ES 2138601 T3 FI 942231 A		07-04-1998 05-03-1996 07-07-1992 09-05-1995 09-06-1994 02-03-1992 10-02-1992 19-12-1996 26-05-1993 31-05-1997 25-11-2002 21-04-1994 11-12-2001 11-03-2003 30-01-2003 30-10-2003 10-08-1999 26-09-2000 15-08-1999 02-05-1996 15-06-1993 27-05-1993 09-09-1999 27-04-2000 06-03-2000 29-03-1995 24-02-1999 31-03-1999 16-01-2000 13-05-1994

## INTERNATIONAL SEARCH REPORT

International Application No

PCT/EP2004/004375

Patent document cited in search report	Publication date	Patent family member(s)		Publication date
US 2002188003	A1	GR	3031579 T3	31-01-2000
		JP	2852467 B2	03-02-1999
		JP	7501074 T	02-02-1995
		KR	251339 B1	01-09-2000
		NO	941753 A	10-05-1994
		WO	9309814 A1	27-05-1993
		US	5380848 A	10-01-1995
		AT	145140 T	15-11-1996
		DK	542903 T3	21-04-1997
		ES	2099167 T3	16-05-1997
		WO	9202260 A1	20-02-1992
US 2003013883	A1	16-01-2003	NONE	